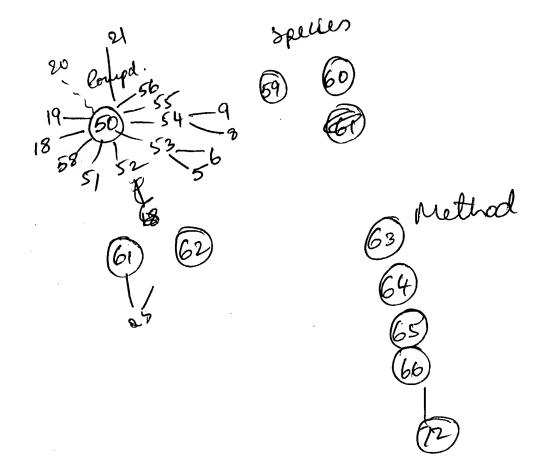
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## 08/812,508

- L15 ANSWER 17 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN
- AN 1983:558378 CAPLUS
- DN 99:158378

J

- TI Synthesis of 2-hydrazino-3-naphthyl-substituted 3,4-dihydroquinazolin-4ones and their cyclization products. Part 9: Synthesis of compounds with aminoguanidine structure
- AU Kottke, K.; Kuehmstedt, H.; Griesner, G.
- CS Sekt. Pharm., Ernst-Moritz-Arndt-Univ., Greifswald, DDR-2200, Ger. Dem. Rep.
- SO Pharmazie (1983), 38(6), 367-8 CODEN: PHARAT; ISSN: 0031-7144
- DT Journal
- LA German
- OS CASREACT 99:158378
- AB Hydrazinoquinazolinones I (R = 1- or 2-naphthyl, R1 = H), prepd. by hydrazinolysis of the corresponding 2-thioxo derivs., were condensed with R2NCX1 (R2 = Ph, 1- or 2-naphthyl; X1 = O, S) to give semicarbazides I [R1 = C(X1)NHR2] and cyclocondensed with carboxylic acid derivs., (H2N)2CO, CS2, etc., to give II [X = N, CR3 (R3 = H, Me, Et, Pr, Bu, CO2Et, CH2CO2Et, SH).
- RN 87466-06-6 CAPLUS
- CN Hydrazinecarboxamide, 2-[3,4-dihydro-3-(1-naphthalenyl)-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

- RN 87466-07-7 CAPLUS
- CN Hydrazinecarbothioamide, 2-[3,4-dihydro-3-(1-naphthalenyl)-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 87466-08-8 CAPLUS

CN Hydrazinecarboxamide, 2-[3,4-dihydro-3-(2-naphthalenyl)-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 87466-09-9 CAPLUS

CN Hydrazinecarboxamide, 2-[3,4-dihydro-3-(1-naphthalenyl)-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 87466-10-2 CAPLUS

CN Hydrazinecarboxamide, 2-[3,4-dihydro-3-(2-naphthalenyl)-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 87466-11-3 CAPLUS

CN Hydrazinecarbothioamide, 2-[3,4-dihydro-3-(2-naphthalenyl)-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

## 08/812,508

ANSWER 13 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN L15

AN 1986:207299 CAPLUS

104:207299 DN

2-Substituted 3,4-dihydroquinazolin-4-ones TI

Kottka, Karl; Kuehmstedt, Hans; Knoke, Dagmar; Wehlan, Helmut; Heder, IN Gottfried; Siems, Wolf Eberhard

Akademie der Wissenschaften der DDR, Ger. Dem. Rep. PA

Ger. (East), 14 pp. SO

CODEN: GEXXA8

DΤ Patent

LΑ German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 225131	A1	19850724	DD 1984-259720	19840130
PRAI	DD 1984-259720		19840130		

PRAI DD 1984-259720

OS CASREACT 104:207299

Antihypertensive (no data) 2-anilino-4(3H)-quinazolinones I (R1 = Ph, AB XC6H4; R2 = H, halo; R3 = H; X = Br, C1) were prepd. by deamination of I (R3 = NH2). Thus, I (R1 = 4-BrC6H4, R2 = 6-Br, R3 = NH2) was stirred at 0-5.degree. in aq. HCl while aq. NaNO2 was added dropwise to give, after 3 h agitation, 95% I (R1 = 4-BrC6H4, R2 = 6-Br, R3 = H). Inhibitory activity of 40 other 2-substituted 3(4H)-quinazolinones against angiotensin I-converting enzyme (IC50) is reported and their structure-activity relationship is discussed.

ΙT 77747-37-6 77775-32-7 85773-46-2 101164-48-1

RL: RCT (Reactant); RACT (Reactant or reagent)

(angiotensin-converting enzyme inhibition by, structure in relation to)

RN77747-37-6 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(4-chlorophenyl)-3,4-dihydro-4-oxo-2quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN77775-32-7 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(4-bromophenyl)-3,4-dihydro-4-oxo-2quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-46-2 CAPLUS

CN Hydrazinecarbothioamide, 2-[3-(4-butoxyphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 101164-48-1 CAPLUS

CN Hydrazinecarboxamide, 2-[3,4-dihydro-4-oxo-3-[4-(pentyloxy)phenyl]-2-quinazolinyl]-N-naphthalenyl- (9CI) (CA INDEX NAME)

## 08/812,508

L15 ANSWER 19 OF 27 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1983:470757 CAPLUS

DN 99:70757

TI 1,4,7,9-Differently substituted 4,5-dihydro-s-triazolo[4,3-a]quinazolin-5-ones

IN Kottke, Karl; Kuehmstedt, Hans; Hagen, Volker; Renner, Helga; Schnitzler, Stephan

PA Akademie der Wissenschaften der DDR, Ger. Dem. Rep.

SO Ger. (East), 27 pp.

CODEN: GEXXA8

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DD 158549	Z	19830119	DD 1981-229905	19810513
DDAT DD 1001 22000E		10010512		

PRAI DD 1981-229905 19810513

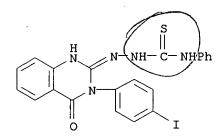
AB Triazoloquinazolinones I [R, R1 = H, alkyl, halo, alkoxy, alkylthio; R2 = H, OH, SH, alkoxy, alkylthio, amino, (un)substituted alkyl, aryl, etc.; R3 = H, alkyl, (un)substituted aryl] were prepd. Thus, 3-(3-methylphenyl-2-hydrazino-4(3H)quinazolinolinone was cyclocondensed with HCO2H to give 92% I (R = R1 = H, R2 = OH, R3 = 3-MeC6H4) (II). II gave 30% inhibition of passive cutaneous anaphylaxis in rats.

TT 77066-19-4 77066-20-7 77066-22-9
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(antiallergic activity of)

RN 77066-19-4 CAPLUS

CN Hydrazinecarbothioamide, 2-[3,4-dihydro-3-(4-iodophenyl)-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)



RN 77066-20-7 CAPLUS

CN Hydrazinecarbothioamide, 2-(3,4-dihydro-6-iodo-4-oxo-3-phenyl-2-quinazolinyl)-N-phenyl- (9CI) (CA INDEX NAME)

RN 77066-22-9 CAPLUS

CN Hydrazinecarbothioamide, 2-[3-(3,4-dimethylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

77066-20-7P 77066-21-8P 77066-23-0P 77747-36-5P 77747-37-6P 77747-38-7P 77747-39-8P 77775-32-7P 85773-09-7P 85773-10-0P 85773-11-1P 85773-38-2P 85773-39-3P 85773-40-6P 85773-41-7P 85773-42-8P 85773-43-9P 85773-44-0P 85773-45-1P 85773-46-2P 85773-47-3P 85773-49-5P 85773-50-8P 85773-51-9P 85773-52-0P 85773-53-1P 85773-54-2P 85773-55-3P 85784-60-7P 86506-94-7P 86506-95-8P 86506-96-9P 86506-97-0P 86506-98-1P 86506-99-2P 86507-00-8P 86513-40-8P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and cyclization of)

(prepn. and cyclization of)
77066-20-7 CAPLUS
Hydrazinecarbothioamide, 2-(3,4-dihydro-6-iodo-4-oxo-3-phenyl-2-quinazolinyl)-N-phenyl- (9CI) (CA INDEX NAME)

RN

CN

RN 77066-21-8 CAPLUS

CN Hydrazinecarbothioamide, 2-[3-(2,3-dimethylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 77066-23-0 CAPLUS

CN Hydrazinecarbothioamide, 2-[3-(2,4-dimethylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 77747-36-5 CAPLUS

CN Hydrazinecarbothioamide, 2-[3,4-dihydro-3-(2-iodophenyl)-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 77747-37-6 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(4-chlorophenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

cailon g

RN 77747-38-7 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(4-bromophenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 77747-39-8 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(4-chlorophenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 77775-32-7 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(4-bromophenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-09-7 CAPLUS

CN Butanoic acid, 2-[3-(4-chlorophenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]hydrazide (9CI) (CA INDEX NAME)

RN 85773-10-0 CAPLUS

CN Pentanoic acid, 2-[3,4-dihydro-3-(4-methylphenyl)-4-oxo-2-quinazolinyl]hydrazide (9CI) (CA INDEX NAME)

RN 85773-11-1 CAPLUS

CN Pentanoic acid, 2-[3-(4-chlorophenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]hydrazide (9CI) (CA INDEX NAME)

RN 85773-38-2 CAPLUS

CN Hydrazinecarboxamide, 2-(6-bromo-3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-39-3 CAPLUS

CN Hydrazinecarboxamide, 2-(6,8-dibromo-3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-40-6 CAPLUS

CN Hydrazinecarboxamide, 2-(6-chloro-3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-41-7 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(4-butoxyphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-42-8 CAPLUS

CN Hydrazinecarboxamide, 2-[3,4-dihydro-3-[4-(3-methylbutoxy)phenyl]-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-43-9 CAPLUS

CN Hydrazinecarbothioamide, 2-(6-bromo-3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-44-0 CAPLUS

CN Hydrazinecarbothioamide, 2-(6-chloro-3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-45-1 CAPLUS

CN Hydrazinecarbothioamide, 2-(6,8-dibromo-3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-46-2 CAPLUS

CN Hydrazinecarbothioamide, 2-[3-(4-butoxyphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-phenyl-(9CI) (CA INDEX NAME)

RN 85773-47-3 CAPLUS

CN Hydrazinecarbothioamide, 2-[3,4-dihydro-3-[4-(3-methylbutoxy)phenyl]-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-49-5 CAPLUS

CN Hydrazinecarboxamide, 2-[6-bromo-3-(4-bromophenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-50-8 CAPLUS

CN Hydrazinecarboxamide, 2-[6-bromo-3-(4-bromophenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 85773-51-9 CAPLUS

CN Hydrazinecarbothioamide, 2-[6-bromo-3-(4-bromophenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 85773-52-0 CAPLUS

CN Hydrazinecarboxamide, 2-[3,4-dihydro-3-[4-(3-methylbutoxy)phenyl]-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me}_2\text{CH}-\text{CH}_2-\text{CH}_2-\text{O} \\ \\ \text{NH} \\ \\ \text{O} \\ \text{C}-\text{NH}-\text{N} \\ \\ \text{H} \end{array}$$

RN 85773-53-1 CAPLUS

CN Hydrazinecarboxamide, 2-(6-chloro-3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 85773-54-2 CAPLUS

CN Hydrazinecarboxamide, 2-(6-bromo-3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 85773-55-3 CAPLUS

CN Hydrazinecarboxamide, 2-(6,8-dibromo-3,4-dihydro-4-oxo-3-phenyl-2-quinazolinyl)-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 85784-60-7 CAPLUS

CN Butanoic acid, 2-[3,4-dihydro-3-(4-methylphenyl)-4-oxo-2-quinazolinyl]hydrazide (9CI) (CA INDEX NAME)

RN 86506-94-7 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(4-chlorophenyl)-3,4-dihydro-6-iodo-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 86506-95-8 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(3-chlorophenyl)-3,4-dihydro-6-iodo-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c}
H & O \\
N - NH - C - NH
\end{array}$$

RN 86506-96-9 CAPLUS

CN Hydrazinecarbothioamide, 2-[3-(2-chlorophenyl)-3,4-dihydro-6-iodo-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

RN 86506-97-0 CAPLUS

CN Hydrazinecarbothioamide, 2-[3-(3-chlorophenyl)-3,4-dihydro-6-iodo-4-oxo-2-quinazolinyl]-N-phenyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c}
H & S \\
N-NH-C-NH \\
\end{array}$$

RN 86506-98-1 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(4-butylphenyl)-3,4-dihydro-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 86506-99-2 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(2-chlorophenyl)-3,4-dihydro-6-iodo-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 86507-00-8 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(4-chlorophenyl)-3,4-dihydro-6-iodo-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)

RN 86513-40-8 CAPLUS

CN Hydrazinecarboxamide, 2-[3-(3-chlorophenyl)-3,4-dihydro-6-iodo-4-oxo-2-quinazolinyl]-N-1-naphthalenyl- (9CI) (CA INDEX NAME)